

| | | | | | | | | | |
|----------------------|------------------|----------------------|------------------|----------------------|----------------------|----------------------|------------------|--------------------------|------|
| CCCCCCCC CCCCCCCC | 000000 000000 | BBBBBBBB BBBBBBBB | AAAAAA AAAAAA | CCCCCCCC CCCCCCCC | CCCCCCCC CCCCCCCC | DDDDDDDD DDDDDDDD | AAAAAA AAAAAA | TTTTTTTTTT TTTTTTTTTT | |
| CC | 00 | 00 | AA | CC | CC | DD | AA | TT | |
| CC | 00 | 00 | AA | CC | CC | DD | AA | TT | |
| CC | 00 | 00 | AA | CC | CC | DD | AA | TT | |
| CC | 00 | 00 | AA | CC | CC | DD | AA | TT | |
| CC | 00 | 00 | AA | CC | CC | DD | AA | TT | |
| CC | 00 | 00 | AAAAAAAA | CC | CC | DD | AAAAAAAA | TT | |
| CC | 00 | 00 | AAAAAAAA | CC | CC | DD | AAAAAAAA | TT | |
| CC | 00 | 00 | AA | CC | CC | DD | AA | TT | |
| CC | 00 | 00 | AA | CC | CC | DD | AA | TT | |
| CCCCCCCC CCCCCCCC | 000000 000000 | BBBBBBBB BBBBBBBB | AA | CCCCCCCC CCCCCCCC | CCCCCCCC CCCCCCCC | DDDDDDDD DDDDDDDD | AA | TT | |

| | | |
|------------|--------|----------|
| LL | IIIIII | SSSSSSSS |
| LL | IIIIII | SSSSSSSS |
| LL | II | SS |
| LL | II | SS |
| LL | II | SS |
| LL | II | SS |
| LL | II | SSSSSS |
| LL | II | SSSSSS |
| LL | II | SS |
| LL | II | SS |
| LL | II | SS |
| LLLLLLLLLL | IIIIII | SSSSSSSS |
| LLLLLLLLLL | IIIIII | SSSSSSSS |

```
0001 0 MODULE COBSACC_DATE (
0002 0 IDENT = '1-005'
0003 0 ) =
0004 0 BEGIN
0005 1
0006 1
0007 1 *****
0008 1 *
0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0026 1 *
0027 1 *****
0028 1
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: COBOL SUPPORT
0033 1
0034 1 ABSTRACT
0035 1
0036 1
0037 1
0038 1 ENVIRONMENT: Vax-11 User Mode
0039 1
0040 1 AUTHOR: MLJ , CREATION DATE: 16-JAN-1979
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. MLJ 16-JAN-1979
0045 1 1-002 - Added boilerplate and comments. RKR 18-JULY-1979
0046 1 1-003 - Declare psects via library macro. RKR 23-AUG-1979
0047 1 1-004 - Change symbolic name of LIBRARY file. RKR 1-OCT-79
0048 1 1-005 - Cosmetic changes. RKR 18-OCT-79
0049 1
0050 1 --
0051 1
0052 1 !<BLF/PAGE>
```



```
.. 54 0053 1 |  
.. 55 0054 1 | SWITCHES  
.. 56 0055 1 |  
.. 57 0056 1 |  
.. 58 0057 1 | SWITCHES ADDRESSING_MODE (EXTERNAL = GENERAL, NONEXTERNAL = WORD_RELATIVE);  
.. 59 0058 1 |  
.. 60 0059 1 |  
.. 61 0060 1 | LINKAGES  
.. 62 0061 1 |  
.. 63 0062 1 | NONE  
.. 64 0063 1 |  
.. 65 0064 1 | TABLE OF CONTENTS:  
.. 66 0065 1 |  
.. 67 0066 1 | FORWARD ROUTINE  
.. 68 0067 1 |  
.. 69 0068 1 | COBSACC_DATE : NOVALUE ;  
.. 70 0069 1 |  
.. 71 0070 1 | INCLUDE FILES  
.. 72 0071 1 |  
.. 73 0072 1 |  
.. 74 0073 1 | REQUIRE 'RTLIN:RTLPSECT' ; ! Macros for psect declarations  
.. 75 0168 1 | LIBRARY 'RTLSTARLE';  
.. 76 0169 1 |  
.. 77 0170 1 |  
.. 78 0171 1 | MACROS  
.. 79 0172 1 |  
.. 80 0173 1 | NONE  
.. 81 0174 1 |  
.. 82 0175 1 | EQUATED SYMBOLS  
.. 83 0176 1 |  
.. 84 0177 1 | NONE  
.. 85 0178 1 |  
.. 86 0179 1 | PSECT DECLARATIONS:  
.. 87 0180 1 |  
.. 88 0181 1 | DECLARE_PSECTS (COB) ; ! Psects for COB$ facility  
.. 89 0182 1 |
```

```

91 0183 1 GLOBAL ROUTINE COBSACC_DATE(DST): NOVALUE=
92 0184 1
93 0185 1 ++      FUNCTIONAL DESCRIPTION
94 0186 1
95 0187 1      Returns date as YYMMDD
96 0188 1
97 0189 1
98 0190 1 FORMAL PARAMETERS:
99 0191 1
100 0192 1      DST.wt.ds      Address of string descriptor to receive date
101 0193 1
102 0194 1 IMPLICIT INPUTS:
103 0195 1
104 0196 1      Date, as supplied by $ASCTIM call
105 0197 1
106 0198 1 IMPLICIT OUTPUTS:
107 0199 1
108 0200 1      NONE
109 0201 1
110 0202 1 ROUTINE VALUE:
111 0203 1 COMPLETION CODES:
112 0204 1
113 0205 1      NONE
114 0206 1
115 0207 1 SIDE EFFECTS:
116 0208 1
117 0209 1      NONE
118 0210 1
119 0211 1 --
120 0212 1
121 0213 2 BEGIN
122 0214 2 MAP
123 0215 2 DST:      REF BLOCK[,BYTE];      ! Pointer to destination descriptor
124 0216 2 BIND
125 0217 2 MONTHNAME = UPLIT(
126 0218 2 'JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ')
127 0219 2 : BLOCK[,LONG],
128 0220 2
129 0221 2 MONTHNUM = UPLIT(
130 0222 2 '010203040506070809101112')
131 0223 2 : BLOCK[,WORD];
132 0224 2 LOCAL
133 0225 2 TIMBUF:      BLOCK[11,BYTE],      ! Buffer for $ASCTIM
134 0226 2 BUFFER:      BLOCK[6,BYTE],      ! Buffer for assembling output
135 0227 2 TIMDESC:      VECTOR[2];      ! Descriptor for TIMBUF
136 0228 2
137 0229 2
138 0230 2 TIMDESC[0] = 11;      ! Set up descriptor
139 0231 2 TIMDESC[1] = TIMBUF;
140 0232 2 $ASCTIM(TIMBUF=TIMDESC);      ! Get date
141 0233 2 BUFFER[0,0,16,0] = .TIMBUF[9,0,16,0];      ! Copy year of century
142 0234 2 INCR I FROM 0 TO 11 DO
143 0235 2 BEGIN
144 0236 2 IF .MONTHNAME[.1,0,24,0] EQL .TIMBUF[3,0,24,0]
145 0237 2 THEN
146 0238 2 BEGIN
147 0239 2 BUFFER[2,0,16,0] = .MONTHNUM[.1,0,16,0];
```

COBSACC_DATE
1-005

J 11
13-Sep-1984 23:47:28
14-Sep-1984 12:10:20

VAX-11 Bliss-32 V4.0-742
[COBRTL.SRC]COBACCDAT.B32;1

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```
: 148      0240  4
: 149      0241  4
: 150      0242  4
: 151      0243  4
: 152      0244  4
: 153      0245  4
: 154      0246  1

EXITLOOP;
END;
END;
BUFFER[4,0,16,0] = .TIMBUF[0,0,16,0];      ! Copy day of month
IF .BUFFER[4,0,8,0] EQL %C' ' THEN BUFFER[4,0,8,0] = %C'0';
CH$COPY(6, BUFFER, %C' ', .DST[DSC$W_LENGTH], .DST[DSC$A_POINTER]);
END;
```

```
.TITLE COBSACC_DATE
.IDENT \1-005\

.PSECT _COB$CODE, NOWRT, SHR, PIC, 2

52 50 41 20 52 41 4D 20 42 45 46 20 4E 41 4A 00000 P.AAA: .ASCII \JAN FEB MAR APR MAY JUN JUL AUG SEP OCT \
55 41 20 4C 55 4A 20 4E 55 4A 20 59 41 4D 20 0000F
20 54 43 4F 20 50 45 53 20 47 0001E
30 37 30 36 30 35 30 34 30 33 30 32 30 31 30 00028 P.AAB: .ASCII \NOV DEC \
32 31 31 31 30 31 39 30 38 00030 P.AAB: .ASCII \010203040506070809101112\
30 38 0003F

MONTHNAME= P.AAA
MONTHNUM= P.AAB
.EXTRN SYSSASCTIM

003C 00000 .ENTRY COBSACC_DATE, Save R2,R3,R4,R5
5E 18 C2 00002 SUBL2 #24, SP
04 AE 10 0B DD 00005 PUSHL #11
08 AE 7E 9E 00007 MOVAB TIMBUF, TIMDESC+4
08 AE 7E 7C 0000C CLRG -(SP)
7E D4 00011 PUSHAB TIMDESC
04 FB 00013 CLRL -(SP)
08 AE B0 0001A CALLS #4, SYSSASCTIM
50 D4 0001F MOVW TIMBUF+9, BUFFER
18 00 EF 00021 CLRL 1
8D AF40 DF 00027 EXTZV #0, #24, TIMBUF+3, R1
00 ED 0002B PUSHAL MONTHNAME[I]
08 12 00030 CMPZV #0, #24, @ (SP)+, R1
0A AE B2 AF40 B0 00032 BNEQ 2$
04 11 00038 MOVW MONTHNUM[I], BUFFER+2
0B F3 0003A BRB 3$
0C AE 10 0B 80 0003E AOBLEQ #11, 1, 1$
20 0C AE 04 91 00043 MOVW TIMBUF, BUFFER+4
0C AE 04 12 00047 CMPB BUFFER+4, #32
0C AE 30 90 00049 BNEQ 4$
60 20 08 AE 04 AC D0 0004D MOVB #48, BUFFER+4
06 2C 00051 MOVL DST, R0
04 B0 00057 MOVCS #6, BUFFER, #32, (R0), @4(R0)
04 00059 RET

: 0183
: 0230
: 0231
: 0232
: 0233
: 0236
: 0239
: 0238
: 0234
: 0243
: 0244
: 0245
: 0246
```

; Routine Size: 90 bytes, Routine Base: _COB\$CODE + 0048

```
: 155      0247  1
: 156      0248  0 EN ELUDOM
```


COB\$ACC_DATE
1-005

K 11
15-Sep-1984 23:47:28
14-Sep-1984 12:10:20

VAX-11 Bliss-32 V4.0-742
[COBRTL.SRC]COBACCDAT.B32;1

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(3)

PSECT SUMMARY

```

:      Name      Bytes      Attributes
:  _COB$CODE      162  NOVEC,NOWRT, RD ,  EXE,  SHR,  LCL,  REL,  CON,  PIC,ALIGN(2)
:

```

Library Statistics

```

:      File      ----- Symbols ----- Pages Processing
:      File      Total   Loaded   Percent   Mapped   Time
:  _$255$DUA28:[SYSLIB]STARLET.L32;1      9776         5         0       581      00:00.8
:

```

COMMAND QUALIFIERS

```

:  BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LISS:COBACCDAT/OBJ=OBS:COBACCDAT MSRC$:COBACCDAT/UPDATE=(ENHS:COBACCDAT
:  )
:

```

```

:  Size:          90 code + 72 data bytes
:  Run Time:      00:03.1
:  Elapsed Time:  00:20.8
:  Lines/CPU Min: 4815
:  Lexemes/CPU-Min: 26718
:  Memory Used:   56 pages
:  Compilation Complete
:

```


0060 AH-BT13A-SE
VAX/VMS V4.0

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TYPEMAIN
LIS

COBPROLOG
REQ

COBACCDAT
LIS

COBACCDWK
LIS

UNLOCK
LIS

UTILSUBS
LIS

INTPAR
SOL

COBDEF
REQ

COBACCDAY
LIS

COBACCECU
LIS

COBRTL

COBLNK
REQ

COBRTL
MAP